

-24-2000

PATENT APPLICATION

A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael Andrew Mang, et al. Examiner:

Serial No: Art Group:

Filing Date: Docket No: 0100.0000610

Title: METHOD AND APPARATUS FOR MULTI-THREAD ACCUMULATION
BUFFERING IN A COMPUTATION ENGINE

04/21/00
JG803 US PTO

JG660 U.S. PTO
09/556473
04/21/00

To the Honorable Commissioner
of Patents and Trademarks
Washington, D.C. 20231

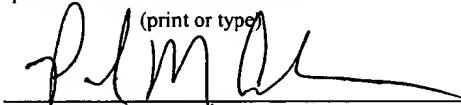
CERTIFICATE OF EXPRESS MAILING

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Date of Deposit: 4-21-2000

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Items accompanying this Certificate of Express Mailing:

Filing papers for a new patent application, such filing papers include:

- A specification and drawings for a new patent application;
- Transmittal cover letter;
- Assignment agreement with Recordation Form Cover Sheet;
- Combined Declaration and Power of Attorney;
- Statement of Small Entity Status;
- Information Disclosure Statement;
- Return upon receipt post card;

04/21/00
jc803
U.S. PRO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

4/24/00

Attorney Docket No. 0100.0000610 Total Pages 84
First Inventor or Application Identifier Michael Andrew
Mang, et al.
Title **METHOD AND APPARATUS FOR MULTI-THREAD
ACCUMULATION BUFFERING IN A COMPUTATION ENGINE**
Express Mail Label No. EL559560661US

jc660 U.S. PRO
04/21/00

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Specification *Total Pages 62*
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawings (35 USC 113) *Total Sheets 15*
4. Oath or Declaration *Total Pages 2*
 - a. Newly executed (original or copy)
 - b. Copy from a prior application
(37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).

16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No:

Prior Application Information: Examiner

Group / Art Unit:

17. CORRESPONDENCE ADDRESS

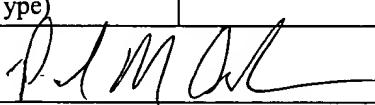
Customer Number or Bar Code Label

or, Correspondence Address Below

**Markison & Reckamp, P.C.
115 Wild Basin Road, Suite 107
Austin, Texas 78746**

Telephone: 512-347-9223

Facsimile: 512-347-9224

Name and Registration Number (Print/Type)	Paul M. Anderson, Reg. No. 39,896		
Signature		Date 4-21-00	4-21-2000

FEE TRANSMITTAL

Note: Effective October 1, 1997.
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) **730.00**

Application Number	
Filing Date	
First Named Inventor	Michael Andrew Mang, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	0100.0000610

Complete if Known

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number	50-0441
Deposit Account Name	ATI Technologies, Inc.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Charge the Issue Fee Set in 37 CFR 1.18 at the mailing of the Notice of Allowance

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Descrip- tion	Fee Paid
101	690	201	345
106	310	206	155
107	480	207	240
108	760	208	380
114	150	214	75
SUBTOTAL (1) (\$)			690.00

2. CLAIMS

Claims	Extra	Fee from below	Fee Paid
Total 20	(.20 =) 0		.00
Indep. 3	(.3 =) 0		.00
Multiple Dep.			

Large Entity Fee Code (\$)	Small Entity Fee Code	Fee Description
103	18	203
102	78	202
104	260	204
109	78	209
110	18	210
SUBTOTAL (2) (\$)		

.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	380	216	190
117	870	217	435
118	1,360	218	680
128	1,850	228	925
119	300	219	150
120	300	220	150
121	260	221	130
138	1,510	138	1,510
140	110	240	55
141	1,210	241	605
142	1,210	242	605
143	430	243	215
144	580	244	290
122	130	122	130
123	50	123	50
126	240	126	240
581	40	581	40
146	760	246	380
149	760	249	380
Other fee (specify)			
Other fee (specify)			

Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$)** **40.00**

SUBMITTED BY MARKISON & RECKAMP, P.C.		Complete (if applicable)
Typed or Printed Name Paul M. Anderson, Reg. No. 39,896		
Signature 	Date 4-21-2000	Deposit Account User ID

PATENT APPLICATION
DOCKET NO. 0100.0000610

In the United States Patent and Trademark Office

FILING OF A UNITED STATES PATENT APPLICATION

Title:

**METHOD AND APPARATUS FOR MULTI-THREAD ACCUMULATION
BUFFERING IN A COMPUTATION ENGINE**

Inventors:

Michael Andrew Mang	Michael Mantor

Attorney of Record

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Name of Depositor: **Paul M. Anderson**

(print or type)

Signature: 